



SEQUENCE LISTING

<110> Carney, Darrell H.

<120> Use of Thrombin-Derived Peptides for the
Therapy of Chronic Dermal Ulcers

<130> 3033.1008-008

<140> US 10/766,752

<141> 2004-01-27

<150> PCT/US02/01151

<151> 2002-01-16

<150> US 60/308,198

<151> 2001-07-27

<160> 6

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 23

<212> PRT

<213> Artificial Sequence

<220>

<223> fragment of human thrombin

<400> 1

Ala	Gly	Tyr	Lys	Pro	Asp	Glu	Gly	Lys	Arg	Gly	Asp	Ala	Cys	Glu	Gly
1				5				10						15	
Asp	Ser	Gly	Gly	Pro	Phe	Val									
				20											

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<212> PRT

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<223> thrombin peptide derivative

<223> Alanine at position 1 is optionally N-acylated.

<223> Valine at position 23 is optionally C-amidated.

<221> VARIANT

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<223> Xaa = Glu or Gln

<221> VARIANT

<222> (22)...(22)

2/3

<223> Xaa = Phe, Met, Leu, His or Val

<400> 2

Ala	Gly	Tyr	Lys	Pro	Asp	Glu	Gly	Lys	Arg	Gly	Asp	Ala	Cys	Xaa	Gly
1				5				10						15	
Asp	Ser	Gly	Gly	Pro	Xaa	Val									
			20												

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<211> 33

<212> PRT

<213> Artificial Sequence

<220>

<223> thrombin peptide derivative

<223> Asparatic acid at position 1 is optionally
N-Acylated.

<223> Phenylalanine at position 33 is optionally
C-amidated.

<400> 3

Asp	Asn	Met	Phe	Cys	Ala	Gly	Tyr	Lys	Pro	Asp	Glu	Gly	Lys	Arg	Gly
1				5				10					15		
Asp	Ala	Cys	Glu	Gly	Asp	Ser	Gly	Gly	Pro	Phe	Val	Met	Lys	Ser	Pro
			20				25						30		
Phe															

<210> 4

<211> 33

<212> PRT

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<220>

<223> thrombin peptide derivative

<223> Asparatic acid at position 1 is optionally
N-acylated.

<223> Phenylalanine at position 33 is optionally
C-amidated.

<221> VARIANT

<222> (20)...(20)

<223> Xaa = Glu or Gln

<221> VARIANT

<222> (27)...(27)

<223> Xaa = Phe, Met, Leu, His or Val

<400> 4

Asp	Asn	Met	Phe	Cys	Ala	Gly	Tyr	Lys	Pro	Asp	Glu	Gly	Lys	Arg	Gly
1				5				10					15		

Asp Ala Cys Xaa Gly Asp Ser Gly Gly Pro Xaa Val Met Lys Ser Pro
 20 25 30
 Phe

<210> 5
 <211> 23
 <212> PRT
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<220>
 <223> thrombin peptide derivative

<223> Alanine at position 1 is optionally N-acylated.

<223> Valine at position 23 is optionally C-amidated.

<400> 5
 Ala Gly Tyr Lys Pro Asp Glu Gly Lys Arg Gly Asp Ala Cys Glu Gly
 1 5 10 15
 Asp Ser Gly Gly Pro Phe Val
 20

<210> 6
 <211> 23
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> thrombin peptide derivative

<223> Valine at position 23 is amidated with -NH₂.

<400> 6
 Ala Gly Tyr Lys Pro Asp Glu Gly Lys Arg Gly Asp Ala Cys Glu Gly
 1 5 10 15
 Asp Ser Gly Gly Pro Phe Val
 20